

FIG. 1

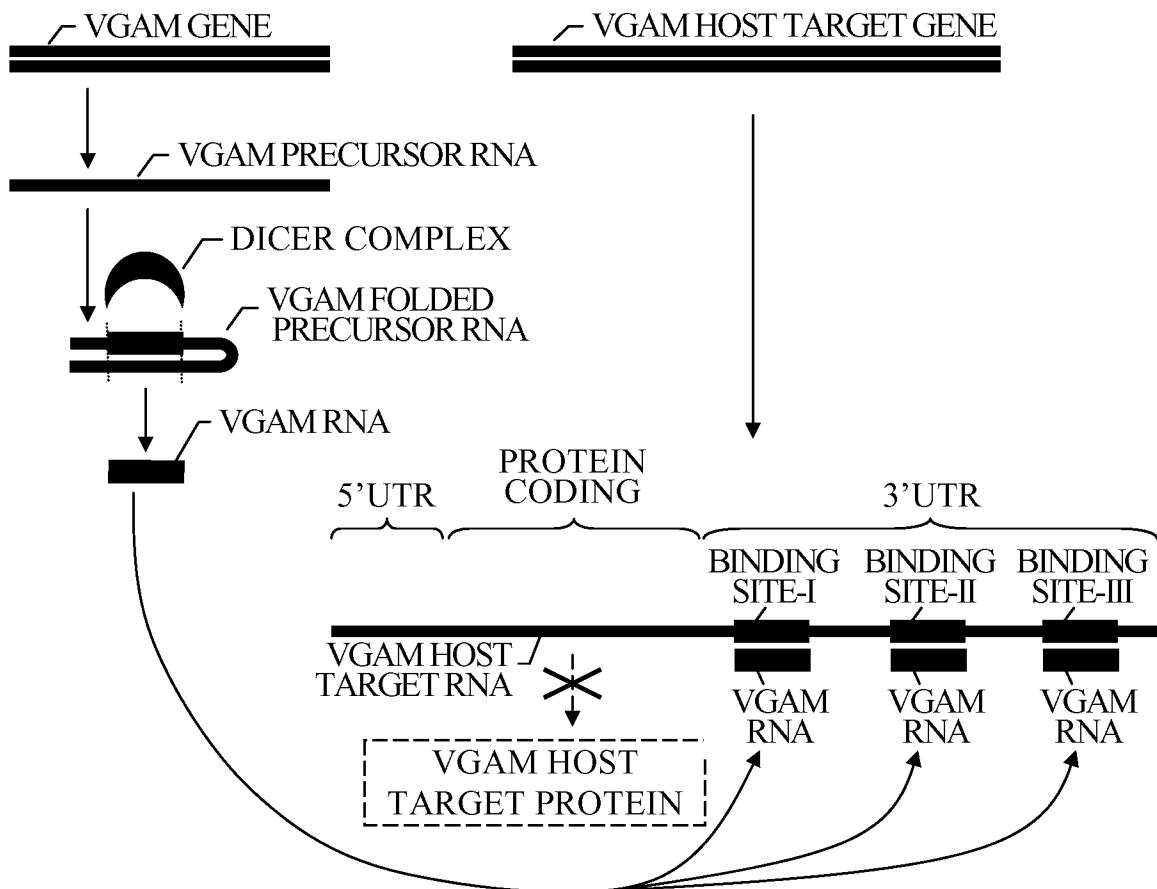


FIG. 2

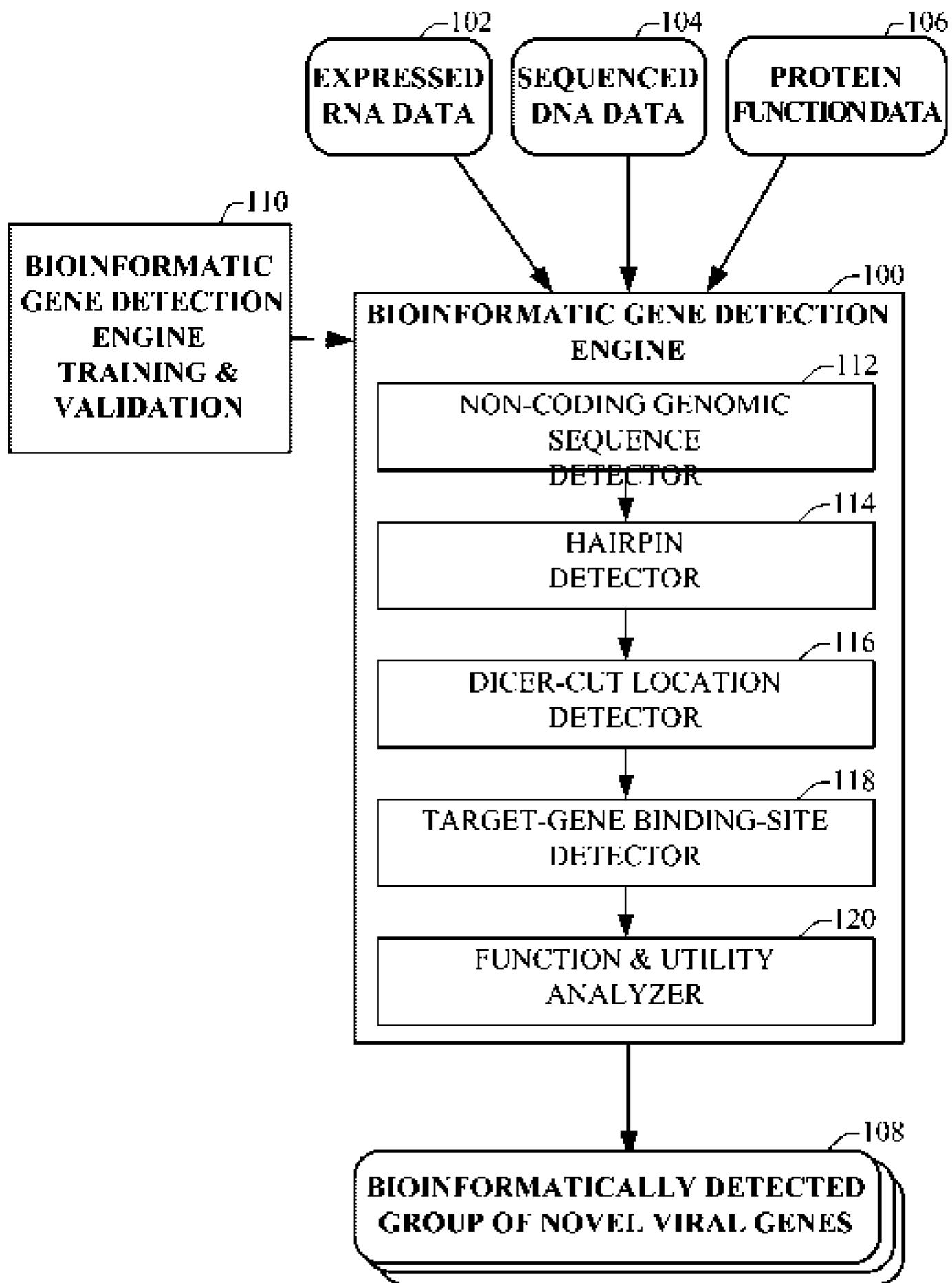


FIG. 3

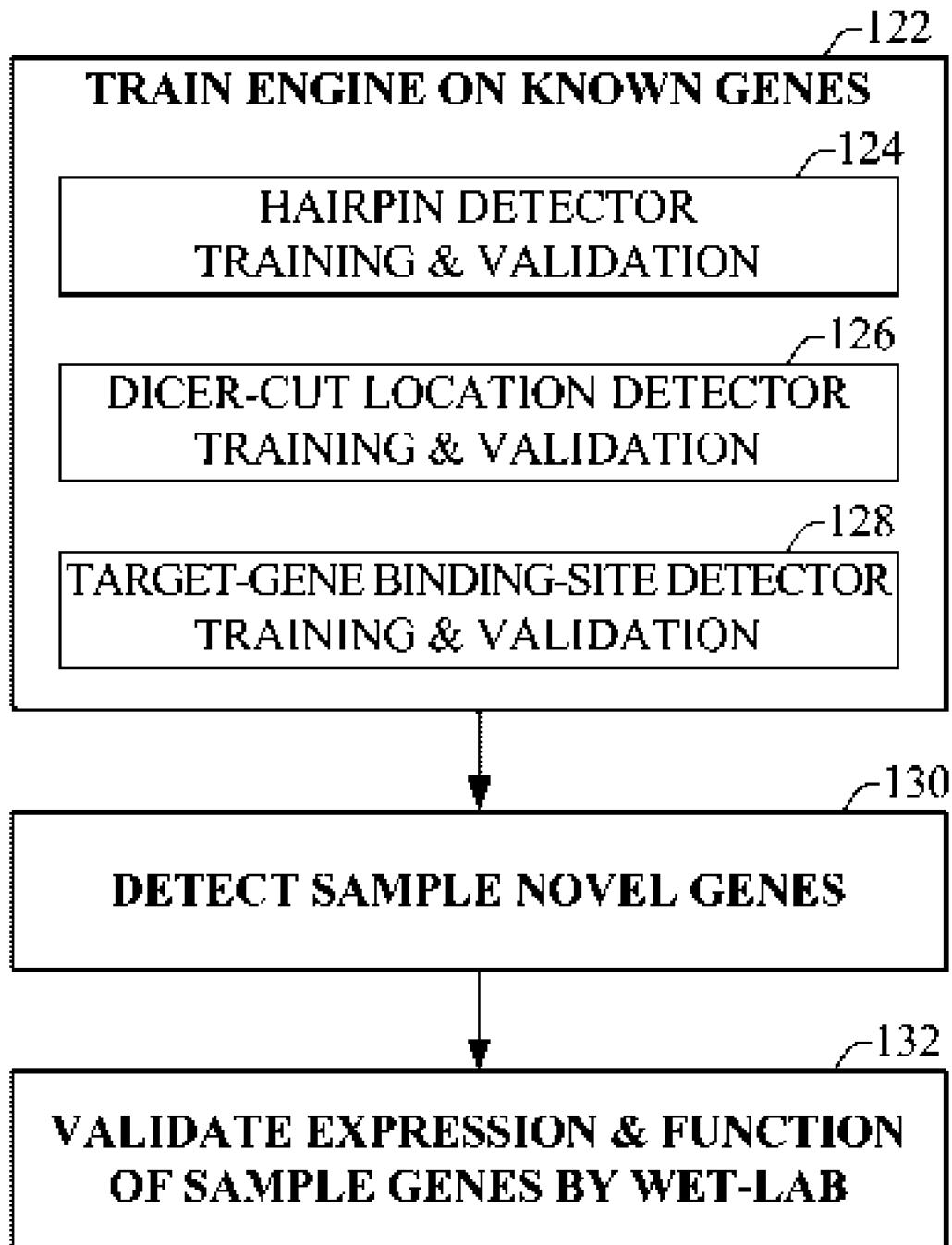


FIG. 4A

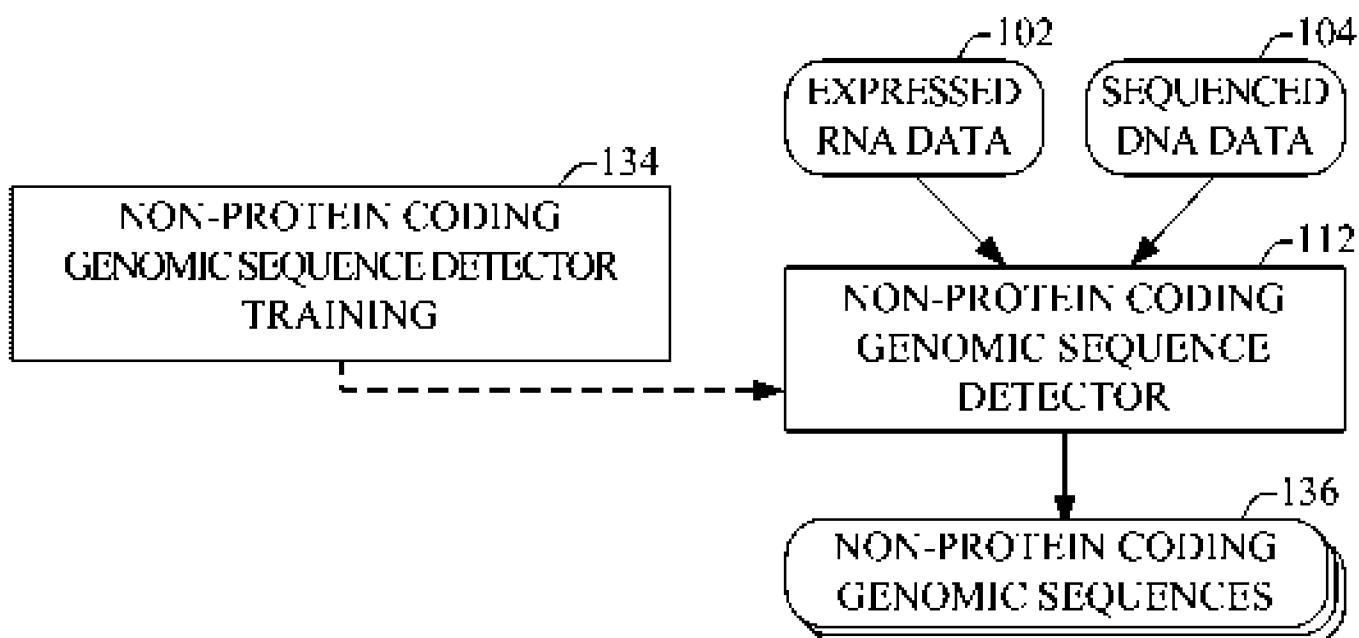


FIG. 4B

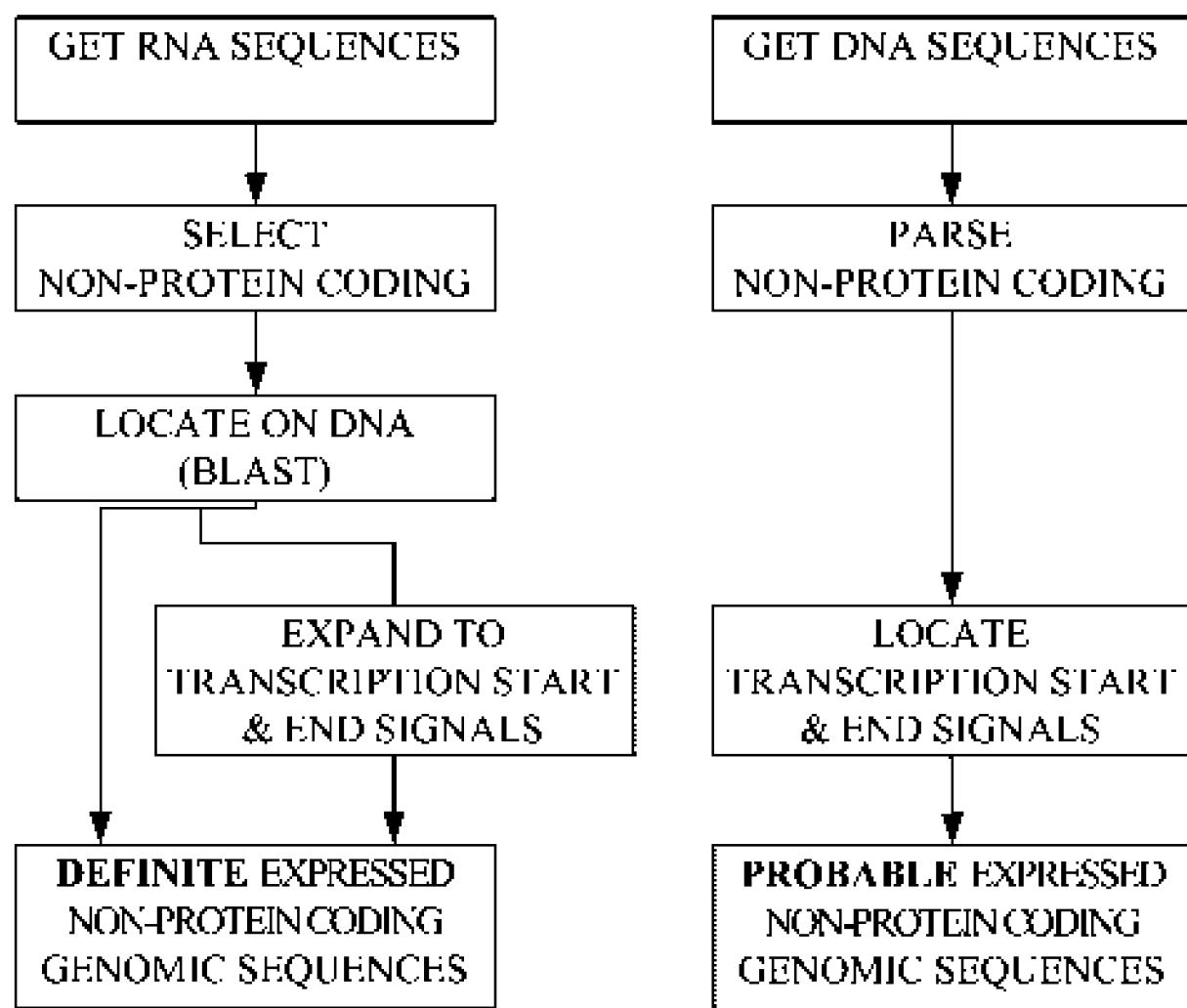


FIG. 5A

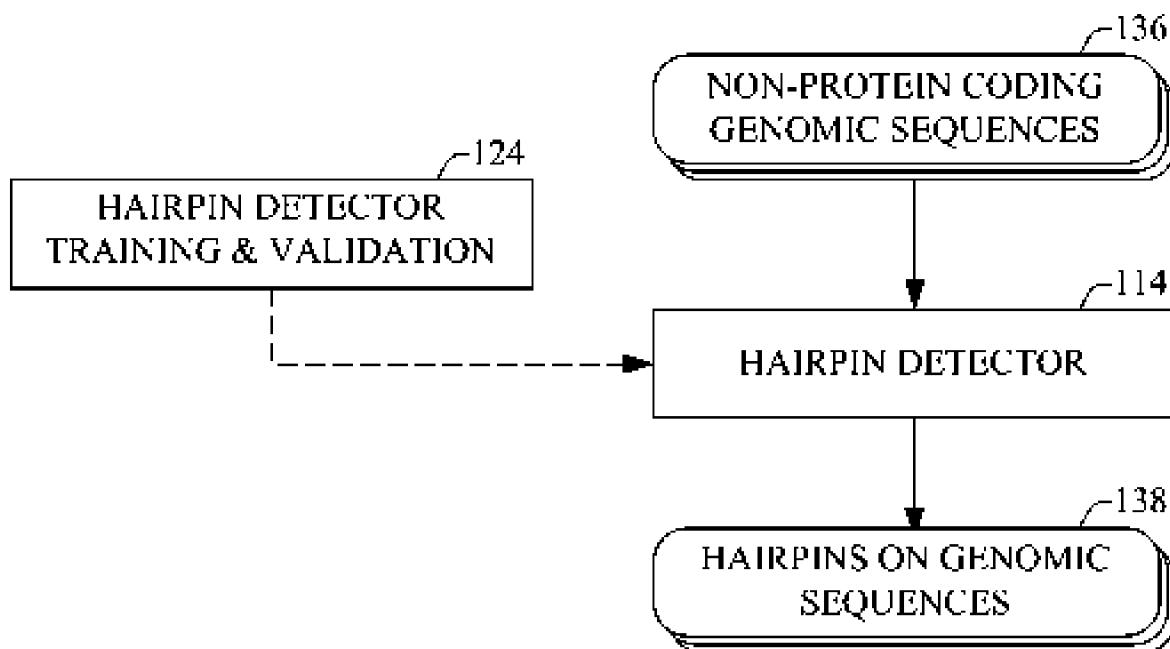


FIG. 5B

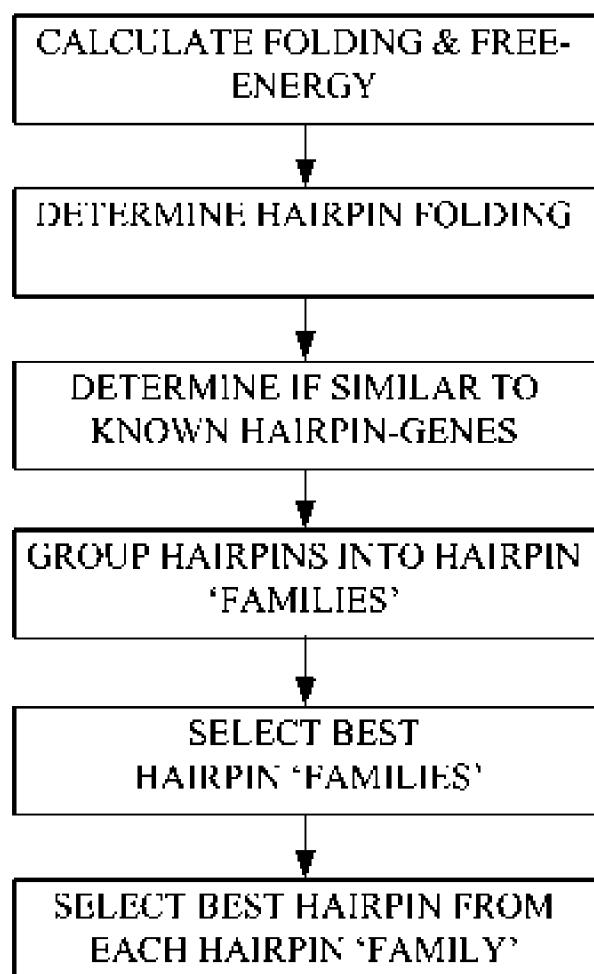


FIG. 6A

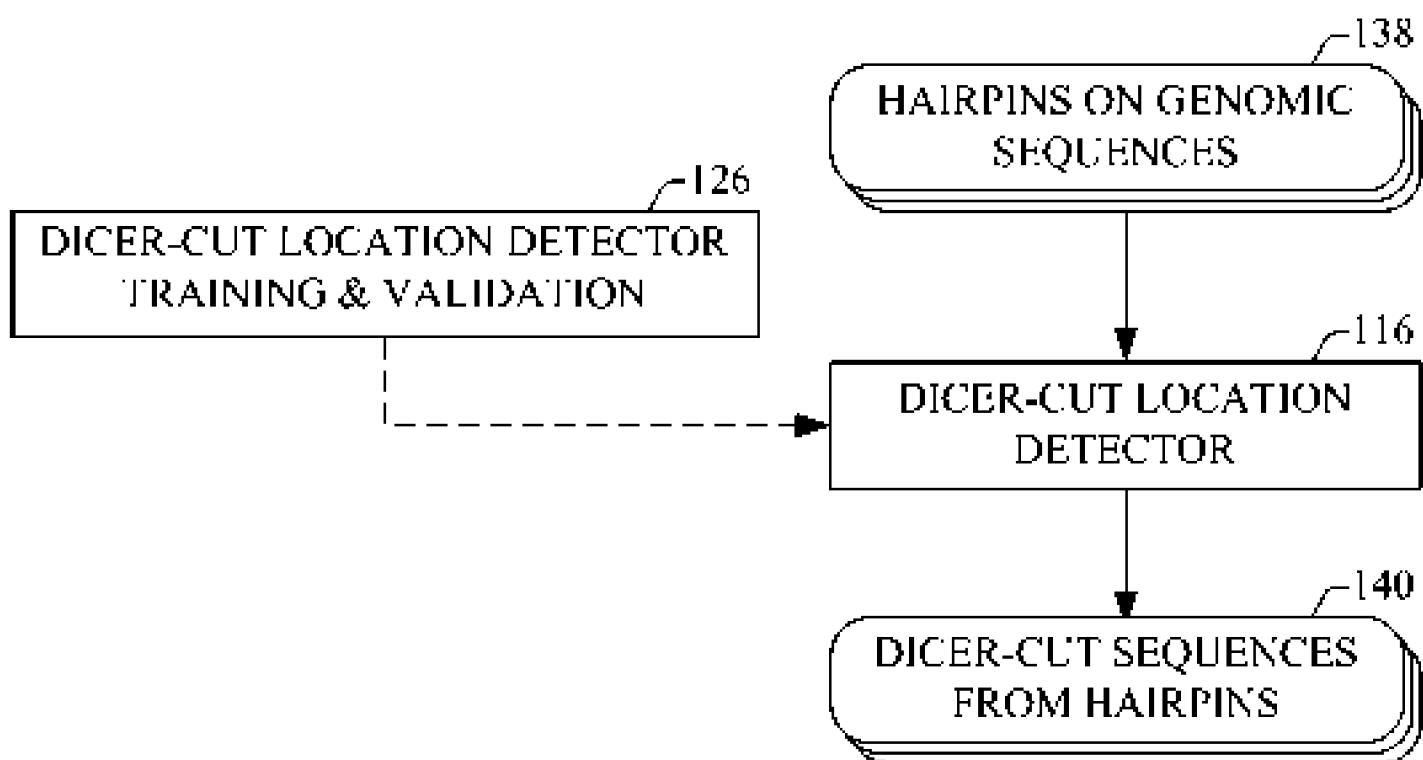


FIG. 6B

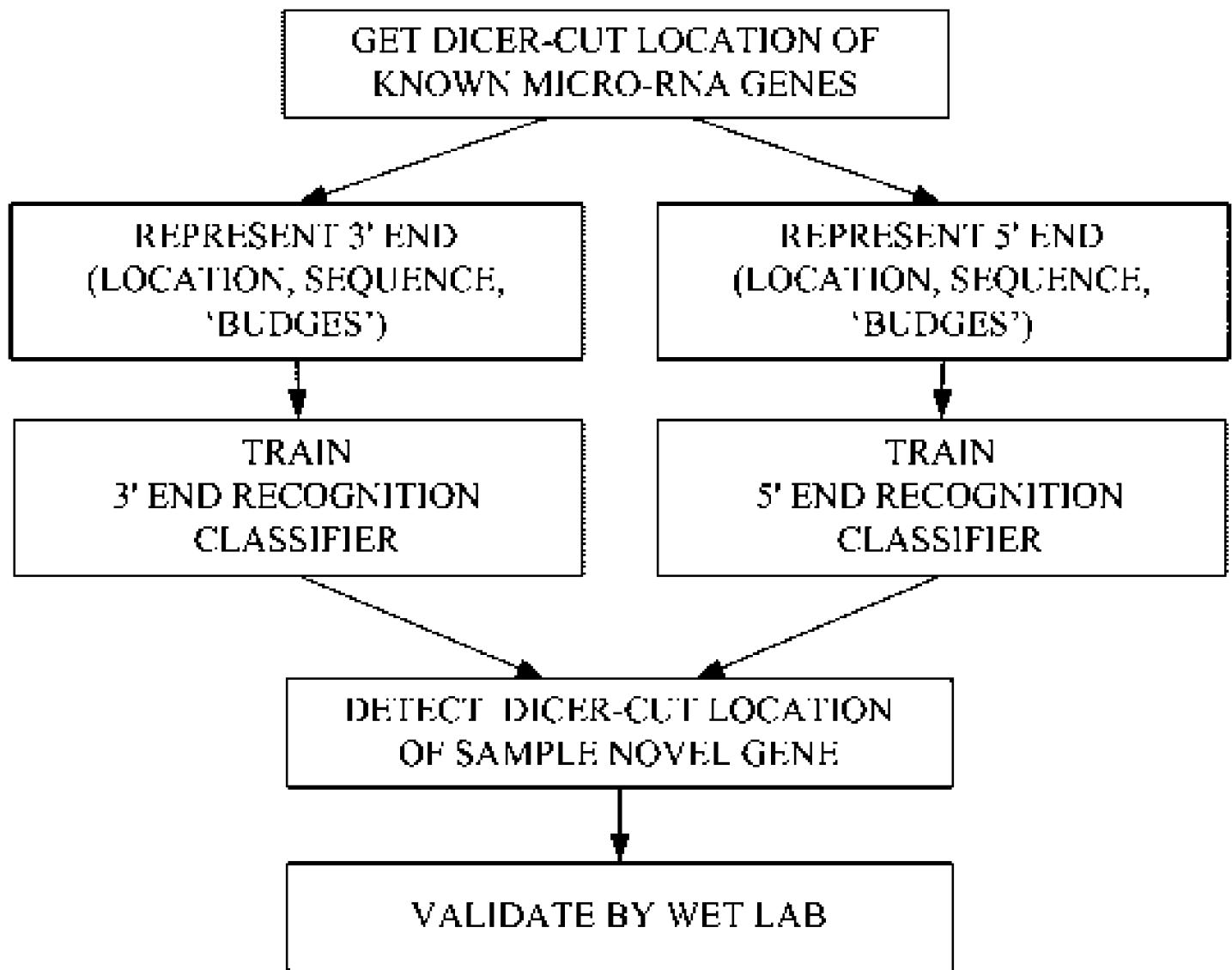


FIG. 6C

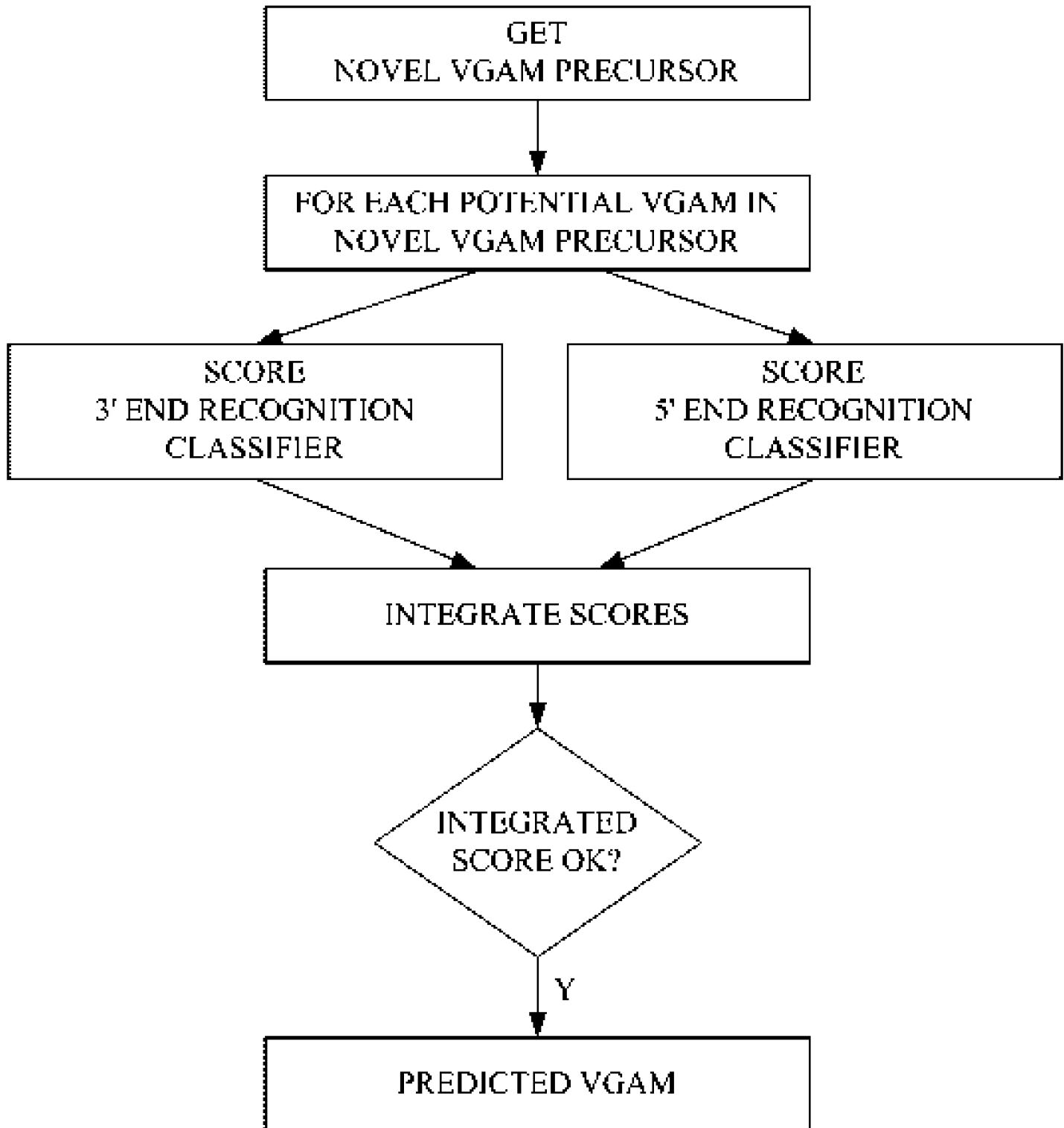


FIG. 7A

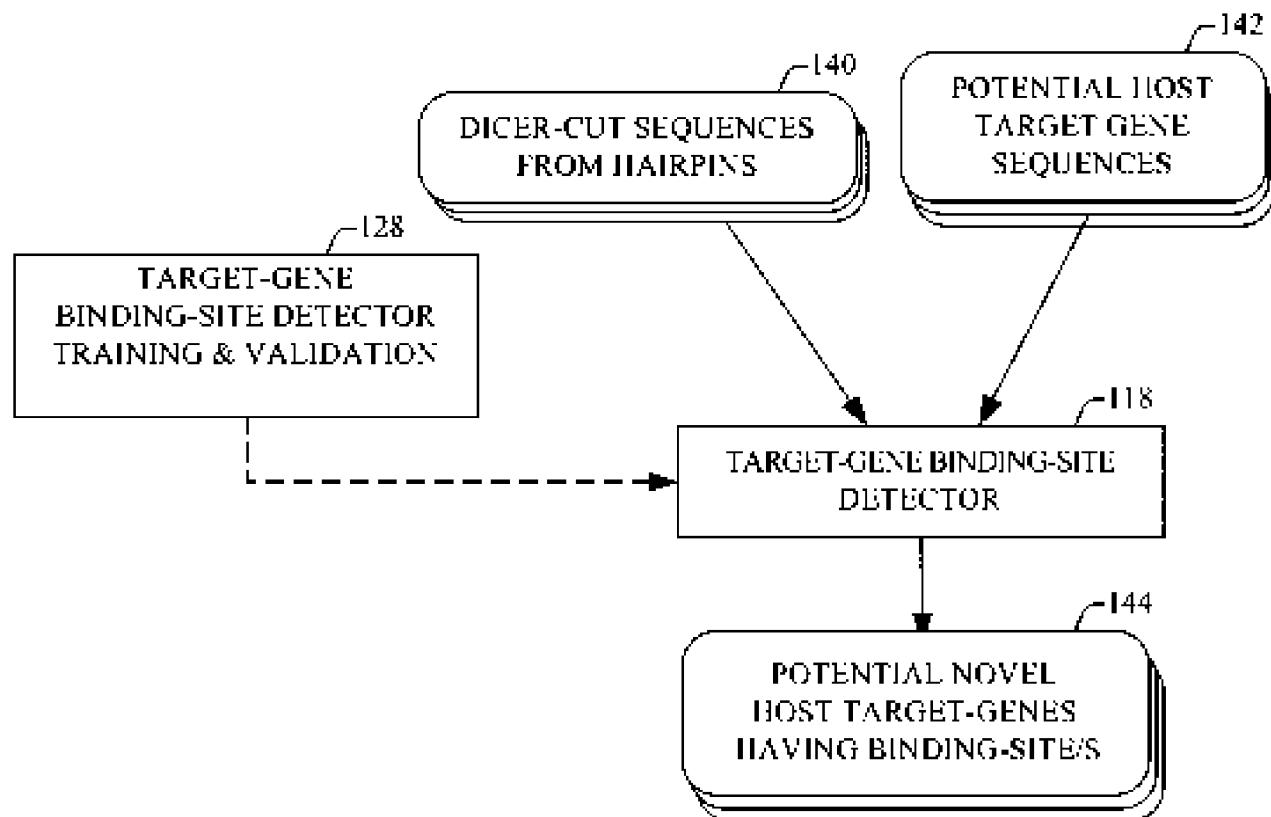


FIG. 7B

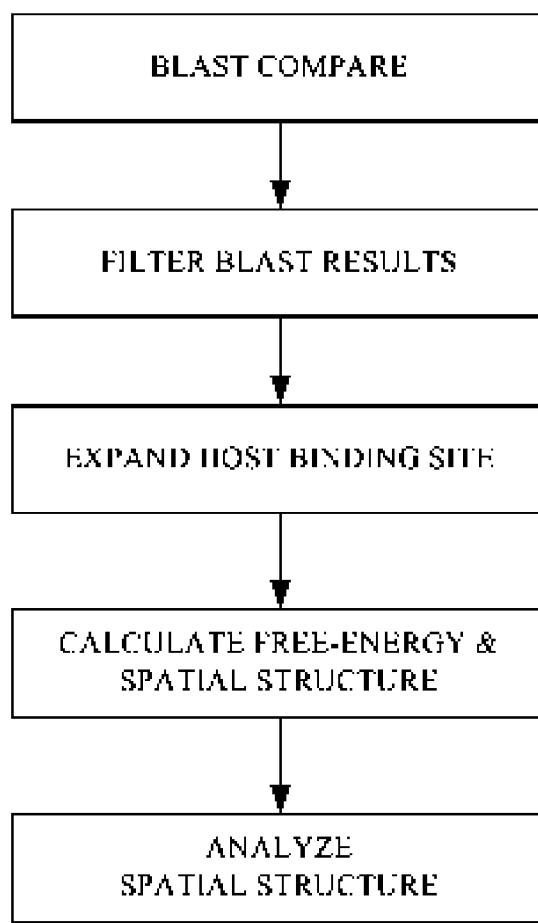


FIG. 8

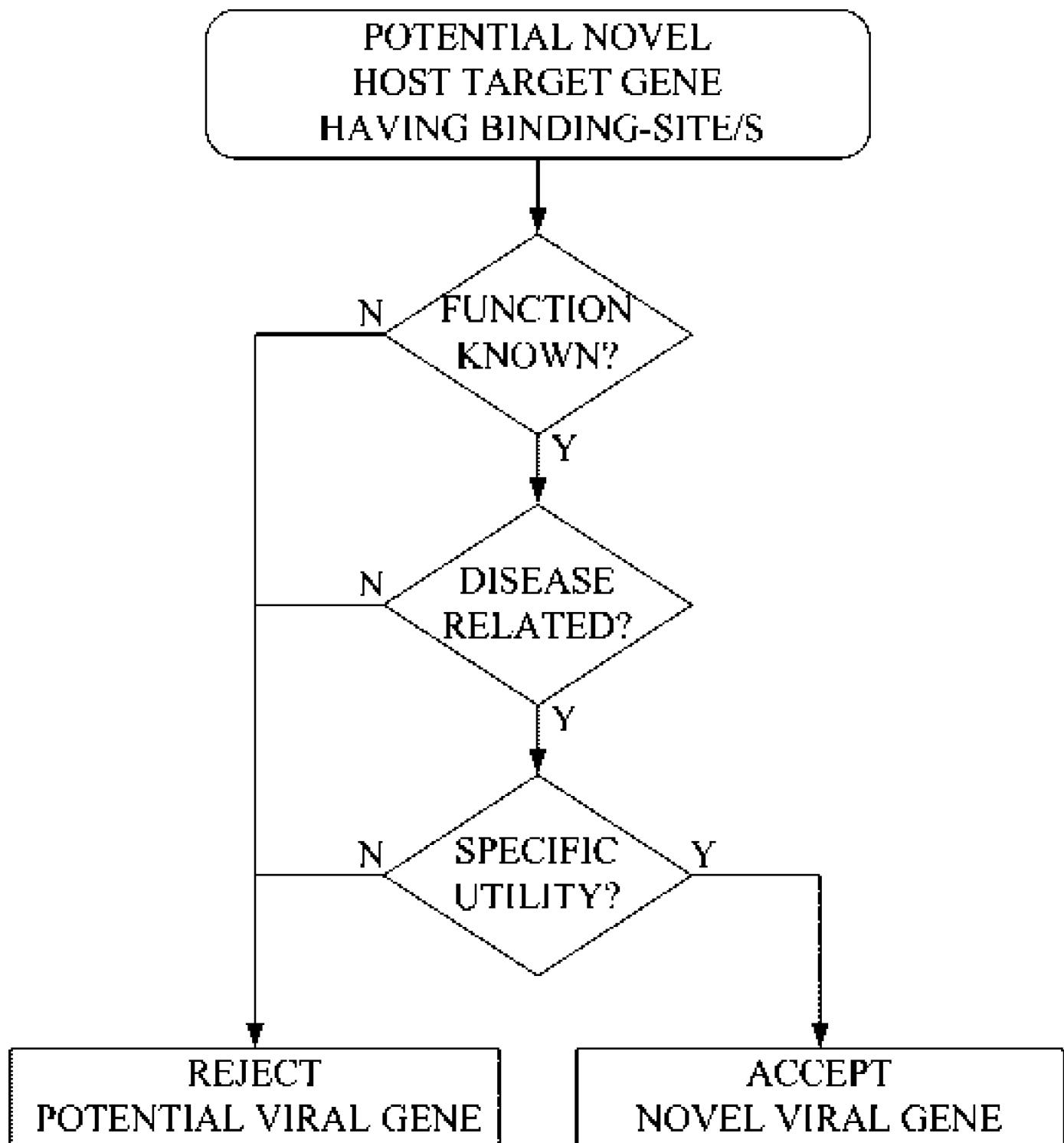


FIG. 9

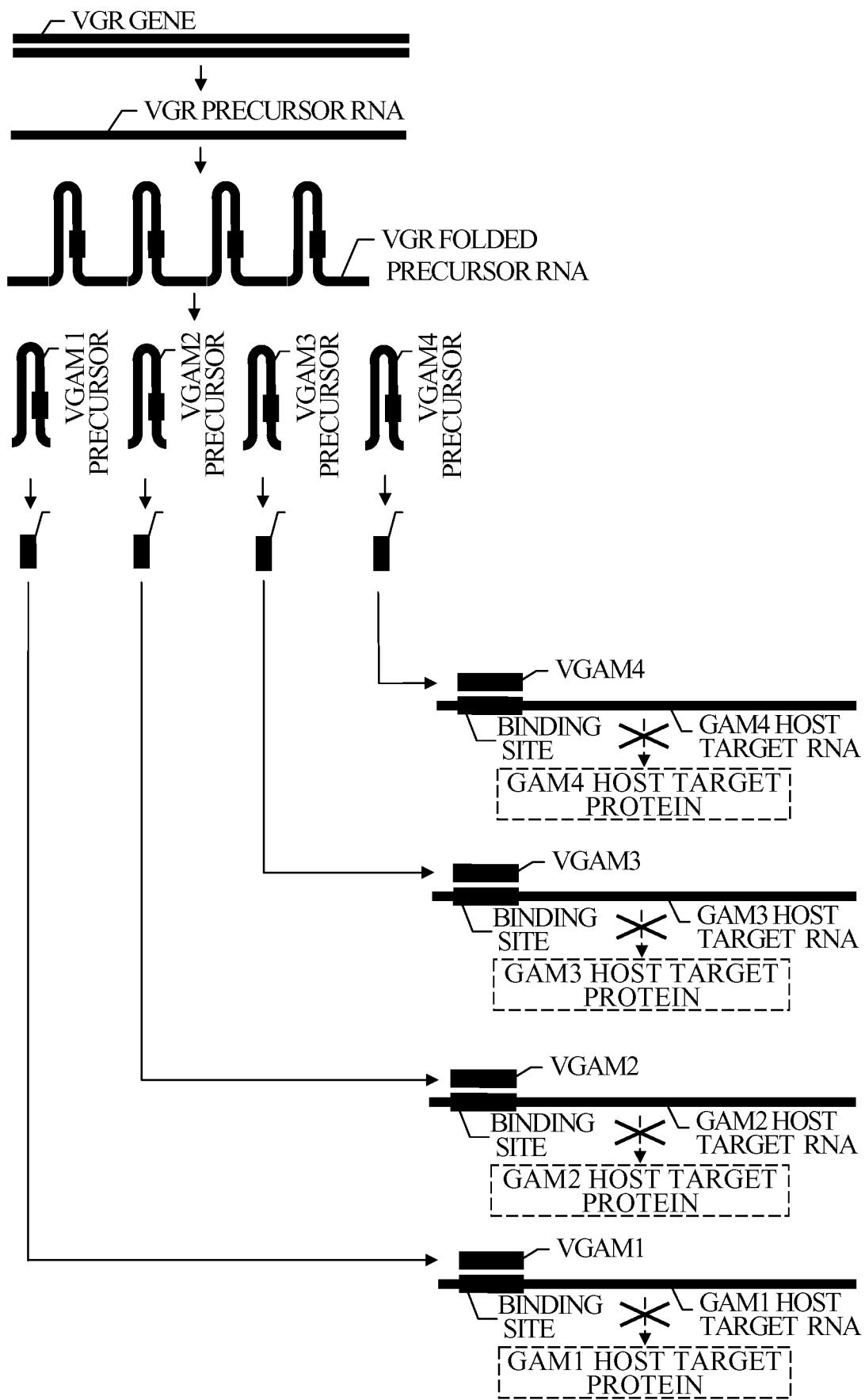


FIG. 10

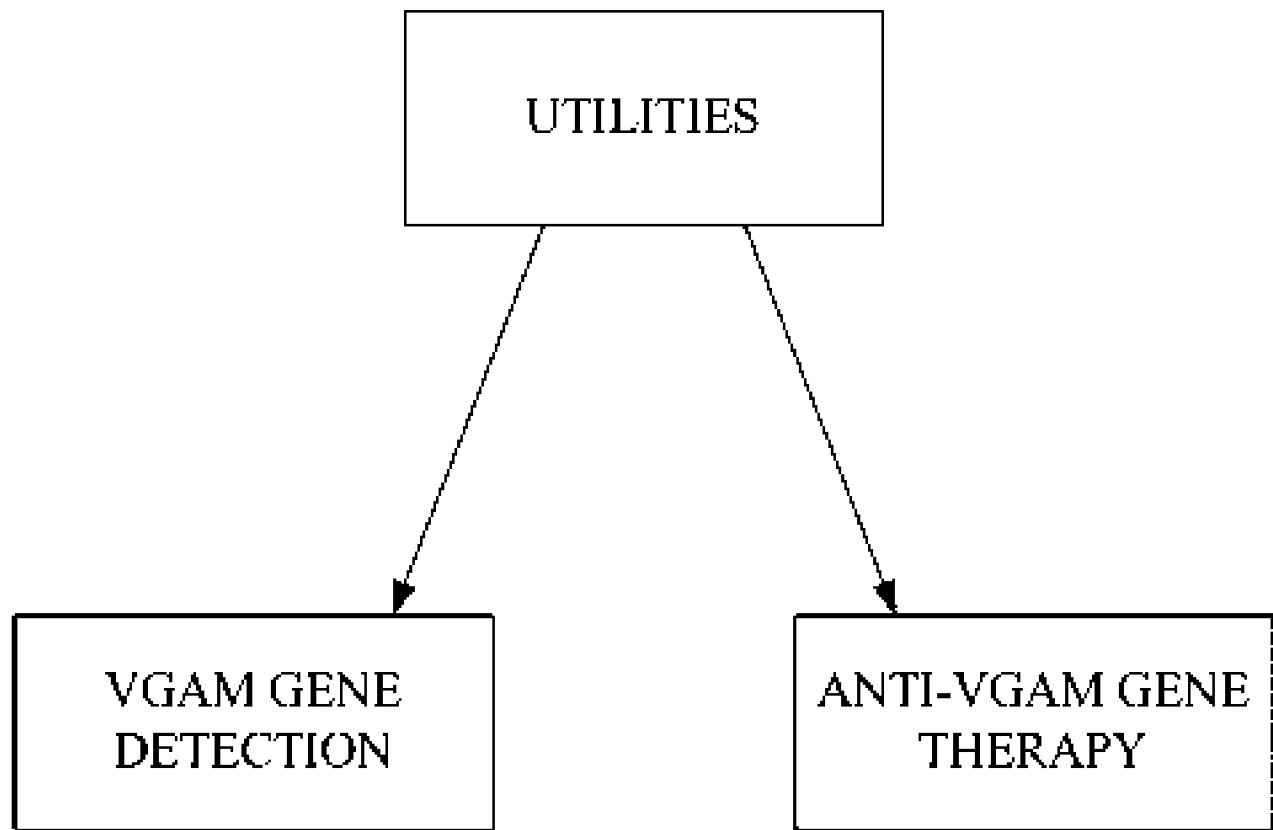


FIG. 11A

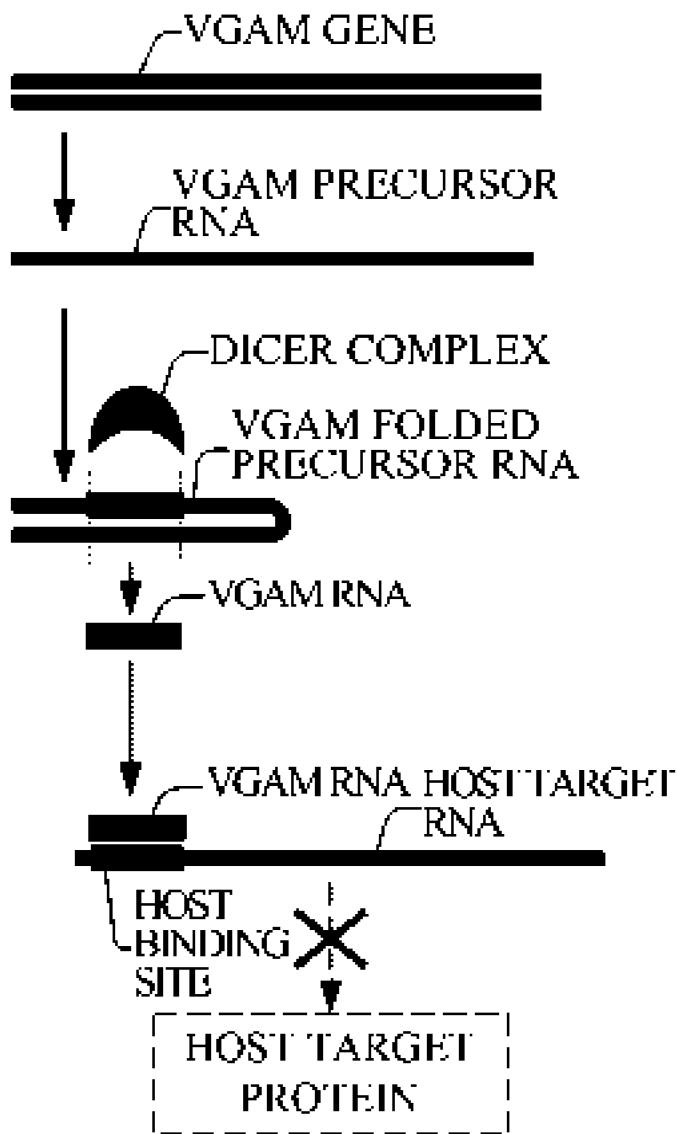
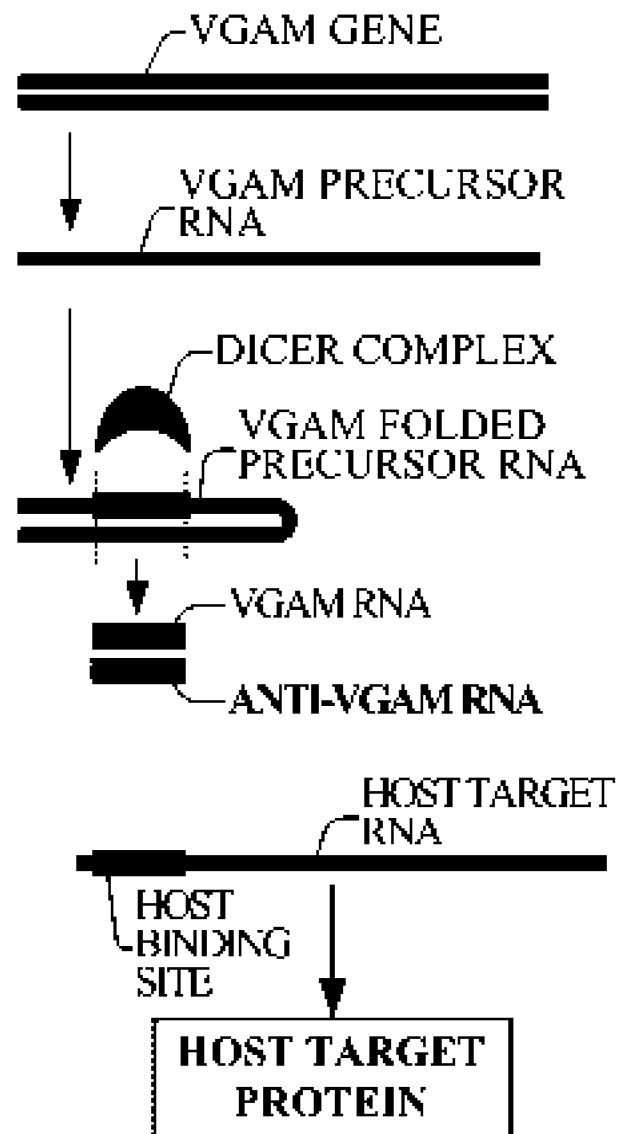


FIG. 11B



EST72223 sequence:

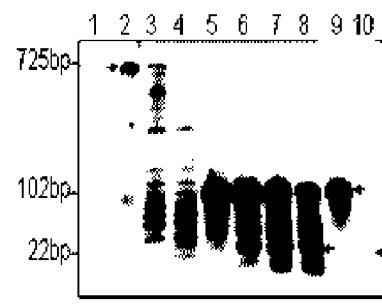
FIG. 12A

CCCTTATTAGAGGATTCTGCTCATGCCAGGGTGAGGTAGTAAGTTGT
ATTGTGTGGGTAGGGATATTAGGCCCAATTAGAAGATAACTAT
ACAACCTTACTACTTCCCTGGTGTGGCATATTACACACTTAGTC
GAAGTGTGGCCTCCATCAGACAAAGTTAGATGTTCCCTGGATAATT
TGGACTGAAAGAAAAGAGACATGGAAAGGGACAGATGGTGTAGG
GTGAGGGAGATGTCATTATAAAAGTGACTTGTCTTCAATTGGAGC
ATATAATTATTTACCTTGGCATGAACCTCATTTGCTATTCTAAC
TGTGTATGATTGCAATTAGTAATAGAACAGGAATGTGTGCAAG
GGAAATGGAAAGCATACTTAAAGAATTGGGCCAGGCAGGGTGGTTC
ATGCTGTAATCCCAGCATTTGGGAGGCCAGGGCGGGTGGATCA
CTTGAGGTCAAGGAGTTGAGACCAACCTGGCCAACACGGGAAACC
CCGCTCTACTCAAATACAAAAATTAGCCAGGCTTGGTACACTCGC
CTGTGGTCCCAGCTACTCAGGAGGCTGAGGCAGGAGAATTGCTTG
ACCCAGGAAGTGGAGGCTCAGTGAGCTGAGAACACGCCACTGCA
CTCCAGTCCTGGCAACAGAGCAAGACTCTGTCAGGAAAAAAA
AG

MIR98

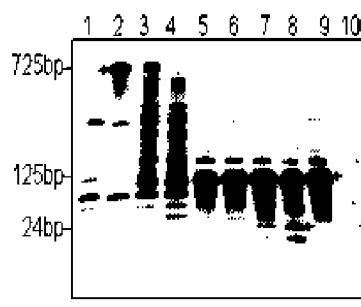
GAM24

FIG. 12B



	1	2	3	4	5	6	7	8	9	10
725bp	+	+	+	+	+	+	+	+	+	+
102bp	+	+	+	+	+	+	+	+	+	+
22bp	+	+	+	+	+	+	+	+	+	+

FIG. 12C

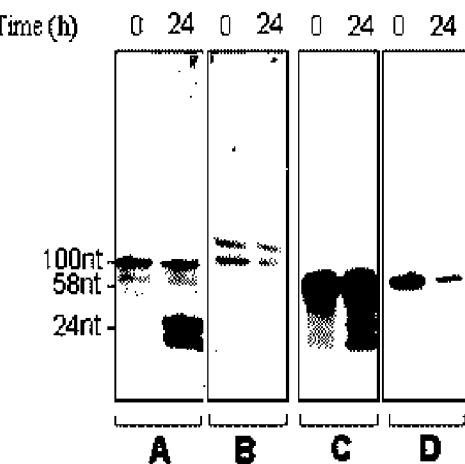


	1	2	3	4	5	6	7	8	9	10
725bp	+	+	+	+	+	+	+	+	+	+
125bp	+	+	+	+	+	+	+	+	+	+
24bp	+	+	+	+	+	+	+	+	+	+

MIR98

GAM24

FIG. 12D



Time (h) 0 24 0 24 0 24 0 24

100nt

58nt

24nt

A

B

C

D

FIG. 13A

dEST Id. 7929020 (Image4514344) sequence:

SCAAAAAACTGGAAAGCATTCCCTTTGAAANACTGGCACAGAGACAGGGATGCCCTCT
 CTCACCGGCTCTATTCAACATACTGTTGAAACTTCTGGCCACGGGAAATTAGGCA
 GGAGAAGGAAATAAAGGGTATTCAATTAGGAAAAGAGCAACTCAAATTGTTCT
 GTTTGCAAGATGACATGATTGTATATCTAGAANACCCATTGTCAGCAGCCAAA
 TCTCCTTAACCTGATAACCAACTTCACCCAAACTCTCAGGATACAAAATAATCT
 AAAAAAAATCACAAGCATTCTTACACACCAACAGAAAAACAGAGCCAAATCA
 TGAGTGAACCTCCATTCACATTGCTTCAAGAGGAAATACCTAGGAATCC
 AACTTACAAGGGATGAAAGGACCTCTCAAGGAGAACTACAAAACCACTGCTCA
 AGGAAATAAAAGAGGATACAAAACAAATGGAAGAACATTCCATGCTCATGGGTAG
 GAAGNATCAATATTGTGAAATGCCATACTGCCAAGGTAAATTACAGATTCA
 ATGCCATGCCATCAAGCTACCAATGACTTCTTACAGAATTGCAAAAAACTA
 CTTTAAAGTTCATATGGAACCAAAAAAGAGCCGCATGCCAAGTCAATCTAA
GCCAAAAGAACAAAGCTGGAGGCATCACACTACCTGACTTCAAACTTACTACA **GAM23**
AGGCTACACTAACCAAAACACCATCTACTGCTTACCAAAACACACATATACTC
 AATGGAAACAGAACAGAGCCCTGAGAAATGACGCCAATACCTACAACTATCTGA
 TCTTGTACAAACCTGAGAANACGAACTGGGAAAGGATTCCCTATTAAATA
 AATGGTGGTGGCAAAACTGACTAGCCATATCTAGAAAAGCTGAAACTGGATCCCT
 TCCTTACACCTTATACAAAAATCAATTCAAGATGGATTAAAGATTAAACGTTA
 GACCTAAACCATAAAAACCCCTAGAGAAACCTAGGCATTACCAATTGAGACA
 TAGGCATGGGCAAGGACTTCATGTCAAAACACCAAAAGCAATGCCAACAAAAG
 AAAAAATTGACAAATGGGATCTAATTAAACTAAAGCTTCTGCACAGCAAAAG
 AACTACCATCTAGAGTGAACAGGCAACCTACAAAATGGGAGAAAATTTCGCAA
CCTACTCATCTGACAAAGGGCTAATATCCACAATCTACAATGAACTCAAACAAA **GAM2**
 TTTACAAAAAAAGAAAAAA **5**

FIG. 13B

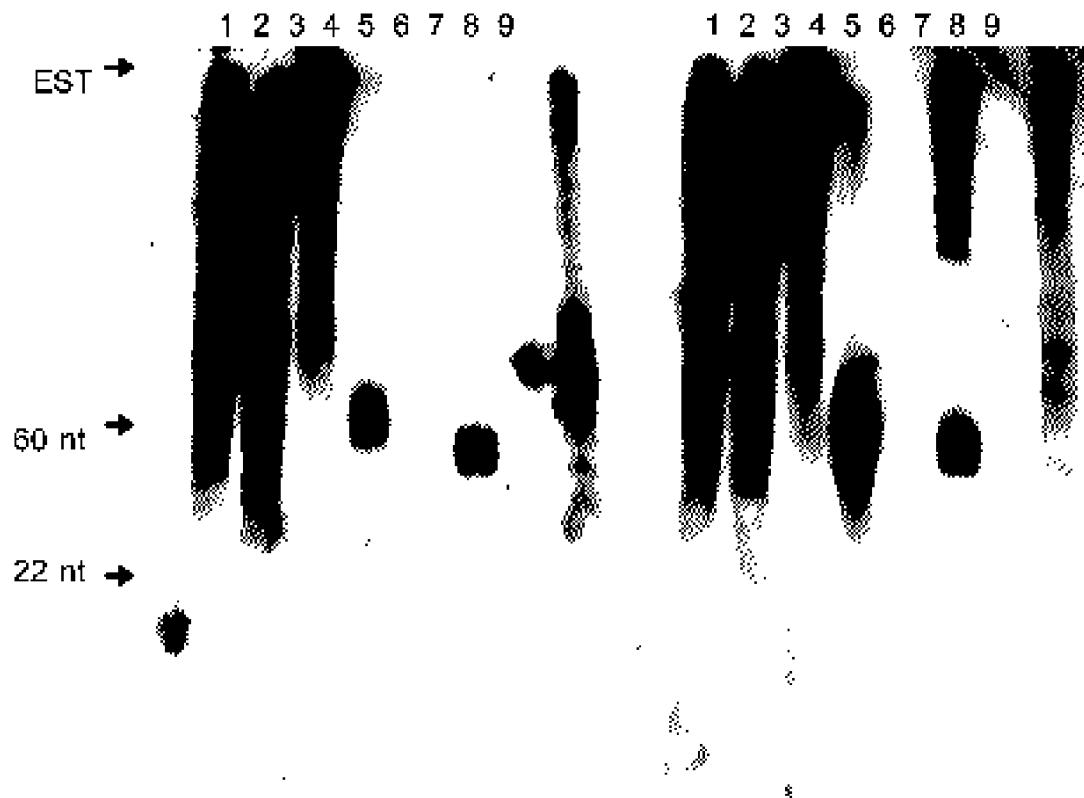
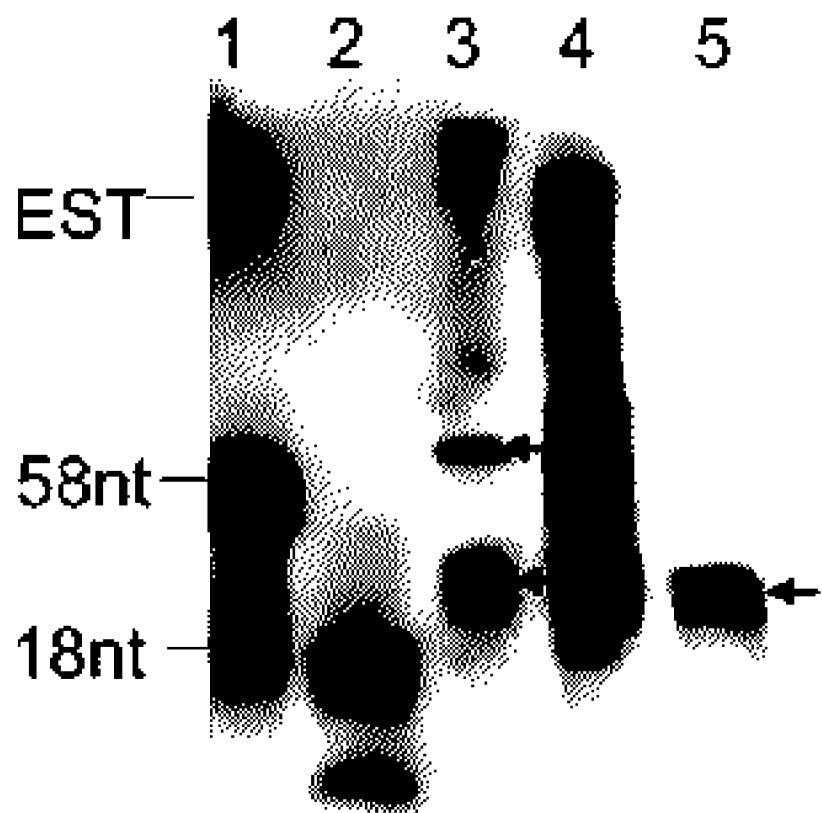


FIG. 13C



GAM25

FIG. 14A

dbEST Id. 1388749 (Image1020185) Sequence:

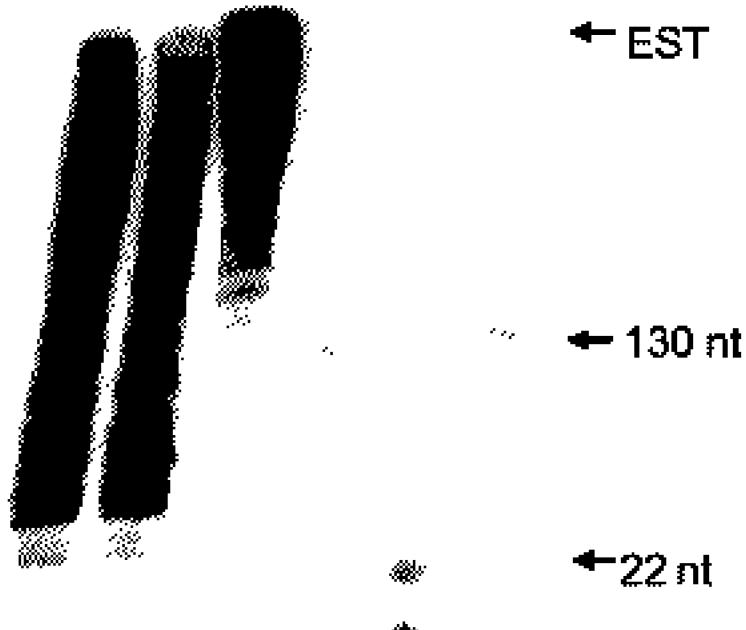
ACTCCTATCAAACAGTGTAAAAGCATTCCTGTTCTCCATAATCTTGCAGCATCTT
TTCATTTTTGCAATTATAGCCATTCTGACTGTTGTCAGATGGCTCTCATGTC
TTTGATTTGCATTCTCAGATGATCAGTGAAGTTTTGTTGGCT
TGCATGTATGCCTCTTGAAAAGTGTCTGTTGTCCTTGACCACTTCTAA
TCCGCTTCACTTTTTCTGAAATTCTTAAACTTCCTGAGATGCTCCAT
ATTAGACCTTGTCAAGATGGATAGAGTGCACAAATTCTCCATTCTGAGGTTG
TCGGTTACTCTGTGATAGGTCTTAATGCTGTGAGAAGCTTTAGTTAATT
AGATCCCATTGTCATTTCGCTTTCTGCAATTGCTTTGCCATCTCCTCAT
GAAATCTTGCCTTGCGCTGTGTCCTGAATGGCATTGCCTAGGTTTCTCAGGA
TTTTATAGTTGGGTGAGATTAGTCTTAACTCCATCTGAGTTAACTTT
CTATATGCCCTAACCAAGCCCCCCCCTTCAATTGCTGAAATGCCAGCCACTTC
TCCCAGUACCATTTAAAGGGAAATCTTCCCCATTGCTTCTTGTAGG
TTTGTCAAAGATCACATGGTGTAGGTGTGGTCTTATTCTGGTTCTCATTC
TCTCCATTGCCATGCCCTATGCTTCTGACCAACTATGCTTTGCCATCCA
TAGTCTTGTAGAATGTTGAAGCTGGGTAGCATGATGCCTCTAGCTTGTCT
TGCTAAGAAATGTCTTGGCTATTGGCTCTTTGGTCCATATGAATTAAA
ATAGCTTTCTAGCTCTGAAACAATGCAATACTACTTTAAATGCCCTACCAATT
TAATTACAGATTGCCTTGGCAGTGTGGTCAATTGACCTCCTG
TCTGTGAGCATATGTTTCCATTGTTGTCACTCTGATTCTTGAATAAT
GGTTTATAGTTATCCTTGAAAGGTCTTCACTTTCTGTTAGCTGTATTCTTAG
ATATTATACTCTTGTGGCAATTGTGAATGGGAGTTAATTGAGTTCTCT
CGGCTTGCCTGTTGGTGTATAGGAATGCTAGTGAATTTGCACATTGATTG
TATCCTGAGACTTCTGAAACTGCTTATCAGCTAACAACTTTGAGCTGAGATC
ATGGAGTTCTAGATATAGGATCATATCATCTGCAAAACAAAGATAGTTGACTTC
CTGTCTTCCATTGAAATAGCTTTCTTCTTCTGCTGATTGCCTTGGTGA
CAATTCTAAACTCTGCAATACCACTGCTGAGCTCCTCCCAA

GAM

26

FIG. 14B

1 2 3 4 5 6 7



GAM26